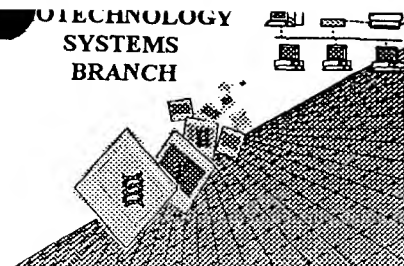


# CRF Diskette Problem Report



The Scientific and Technical Information Center (STIC) experienced a problem when processing the following CRF diskette:

Application Serial Number:

08/779,460A

Filing Date:

1/7/97

Classification:

800

Date Processed by STIC:

10/27/97

Point-of-Contact/Telephone No.: Arti Shah 703 - 308 - 4212

## **Nature of Problem:**

The diskette was:

- ☐ Damaged
- ☐ Unreadable
- ☐ Blank (no files present on diskette)
- ☐ Contained an empty file (filename present, but no bytes in file)
- ☐ A computer virus was detected on the diskette. The STIC will not process the diskette through the Data Capture System.

Name of virus: \_\_\_\_\_

☒ The Sequence Listing was not saved in ASCII (DOS) text.

☐ The diskette contained an error that disrupted normal processing:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/779,460BDATE: 04/09/98  
TIME: 13:14:18

INPUT SET: S24825.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

## (1) General Information:

Does Not Comply  
Corrected Diskette Needed

## (i) APPLICANTS:

Oscar Johannes Maria GODDIJN  
Teunis Cornelis VERWOERD  
Ronny Wilhelmus Hermanus Henrika KRUTWAGEN  
Eline VOOGD

## (ii) TITLE OF INVENTION:

ENHANCED ACCUMULATION OF TREHALOSE IN PLANTS

## (iii) NUMBER OF SEQUENCES: 27

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: LADAS &amp; PARRY

(B) STREET: 26 WEST 61 STREET

(C) CITY: NEW YORK

(D) STATE: NY

(F) (E) ZIP: 10023

(E) (F) COUNTRY: USA

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3-1/4" Disk 1.44 MB

(B) COMPUTER: IBM PC Compatible

(C) OPERATING SYSTEM: Microsoft Windows for Workgroups 3.11

(D) SOFTWARE: WordPerfect 6.1 for Windows

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/779,460

(B) FILING DATE: 07-JAN-1997

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/779,460BDATE: 04/09/98  
TIME: 13:14:19

INPUT SET: S24825.raw

(C) CLASSIFICATION: 435

## (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PY000009/96

(B) FILING DATE: 12-JAN-1996

## (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: MASS, Clifford J.

(B) REGISTRATION NO.: 30,086

(C) REF./DOCKET NO.: U-011098-6

## (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE NUMBER: (212) 708-1890

(B) ~~TELEPHONE~~ <sup>TELEFAX</sup> NUMBER: (212)- 246-8959(C) TELEX ~~NUMBER~~: 233288

## (2) INFORMATION FOR SEQ ID NO: 1:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 2621 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: double

(D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: cDNA to mRNA

## (iii) HYPOTHETICAL: NO

## (ix) FEATURE:

(A) NAME/KEY: CDS

(B) LOCATION: 25..2485

(D) OTHER INFORMATION: /function= "trehalose phosph.  
synthase and trehalose phosph. phosphatase"  
/product= "bipartite enzyme"

## (ix) FEATURE:

(A) NAME/KEY: unsure

(B) LOCATION: 1609..1611

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

# RAW SEQUENCE LISTING PATENT APPLICATION US/08/779,460B

DATE: 04/09/98

TIME: 13:14:20

INPUT SET: S24825.raw

|     |   |     |
|-----|---|-----|
| 100 | CTGATCCTGC GGTTCATCA CAAT ATG ATA CTC TTA CAT CTG ATG CCC CTT   | 51  |
| 101 | Met Ile Leu Leu His Leu Met Pro Leu                             |     |
| 102 | 1 5   |     |
| 103 |   |     |
| 104 | CAG ATG CTC CCA AAT AGG TTG ATT GTC GTA TCG AAT CAG TTA CCC ATA | 99  |
| 105 | Gln Met Leu Pro Asn Arg Leu Ile Val Val Ser Asn Gln Leu Pro Ile |     |
| 106 | 10 15 20 25   |     |
| 107 |   |     |
| 108 | ATC GCT AGG CTA AGA CTA ACG ACA ATG GAG GGT CCT TTT GGG ATT TCA | 147 |
| 109 | Ile Ala Arg Leu Arg Leu Thr Thr Met Glu Gly Pro Phe Gly Ile Ser |     |
| 110 | 30 35 40  |     |
| 111 |   |     |
| 112 | CTT GGG ACG AGA GTT CGA TTT ACA TGC ACA TCA AAG ATG CAT TAC CCG | 195 |
| 113 | Leu Gly Thr Arg Val Arg Phe Thr Cys Thr Ser Lys Met His Tyr Pro |     |
| 114 | 45 50 55  |     |
| 115 |   |     |
| 116 | CAG CCG TTG AGG TTT TCT ATT CTT GGC GAT CCA CTA AGG GCT GAC GTT | 243 |
| 117 | Gln Pro Leu Arg Phe Ser Ile Leu Gly Asp Pro Leu Arg Ala Asp Val |     |
| 118 | 60 65 70  |     |
| 119 |   |     |
| 120 | GGC CCT ACC GAA CAA GAT GAC GTG TCA AAG ACA TTG CTC GAT AGG TTT | 291 |
| 121 | Gly Pro Thr Glu Gln Asp Asp Val Ser Lys Thr Leu Leu Asp Arg Phe |     |
| 122 | 75 80 85  |     |
| 123 |   |     |
| 124 | AAT TGC GTT GCG GTT TTT GTC CCT ACT TCA AAA TGG GAC CAA TAT TAT | 339 |
| 125 | Asn Cys Val Ala Val Phe Val Pro Thr Ser Lys Trp Asp Gln Tyr Tyr |     |
| 126 | 90 95 100 105   |     |
| 127 |   |     |
| 128 | CAC TGC TTT TGT AAG CAG TAT TTG TGG CCG ATA TTT CAT TAC AAG GTT | 387 |
| 129 | His Cys Phe Cys Lys Gln Tyr Leu Trp Pro Ile Phe His Tyr Lys Val |     |
| 130 | 110 115 120   |     |
| 131 |   |     |
| 132 | CCC GCT TCT GAC GTC AAG AGT GTC CCG AAT AGT CGG GAT TCA TGG AAC | 435 |
| 133 | Pro Ala Ser Asp Val Lys Ser Val Pro Asn Ser Arg Asp Ser Trp Asn |     |
| 134 | 125 130 135   |     |
| 135 |   |     |
| 136 | GCT TAT GTT CAC GTG AAC AAA GAG TTT TCC CAG AAG GTG ATG GAG GCA | 483 |
| 137 | Ala Tyr Val His Val Asn Lys Glu Phe Ser Gln Lys Val Met Glu Ala |     |
| 138 | 140 145 150   |     |
| 139 |   |     |
| 140 | GTA ACC AAT CGT AGC AAT TAT GTA TGG ATA CAT GAC TAC CAT TTA ATG | 531 |
| 141 | Val Thr Asn Arg Ser Asn Tyr Val Trp Ile His Asp Tyr His Leu Met |     |
| 142 | 155 160 165   |     |
| 143 |   |     |
| 144 | ACG CTA CCG ACT TTC TTG AGG CGG GAT TTT TGT CGT TTT AAA ATC GGT | 579 |
| 145 | Thr Leu Pro Thr Phe Leu Arg Arg Asp Phe Cys Arg Phe Lys Ile Gly |     |
| 146 | 170 175 180 185   |     |
| 147 |   |     |
| 148 | TTT TTT CTG CAT AGC CCG TTT CCT TCC TCG GAG GTT TAC AAG ACC CTA | 627 |
| 149 | Phe Phe Leu His Ser Pro Phe Pro Ser Ser Glu Val Tyr Lys Thr Leu |     |
| 150 | 190 195 200   |     |
| 151 |   |     |
| 152 | CCA ATG AGA AAC GAG CTC TTG AAG GGT CTG TTA AAT GCT GAT CTT ATC | 675 |

# RAW SEQUENCE LISTING PATENT APPLICATION US/08/779,460B

DATE: 04/09/98  
TIME: 13:14:21

INPUT SET: S24825.raw

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 153 | Pro | Met | Arg | Asn | Glu | Leu | Leu | Lys | Gly | Leu | Leu | Asn | Ala | Asp | Leu | Ile |      |
| 154 |     |     |     | 205 |     |     |     |     | 210 |     |     |     |     | 215 |     |     |      |
| 155 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 156 | GGG | TTC | CAT | ACA | TAC | GAT | TAT | GCC | CGT | CAT | TTT | CTA | ACG | TGT | TGT | AGT | 723  |
| 157 | Gly | Phe | His | Thr | Tyr | Asp | Tyr | Ala | Arg | His | Phe | Leu | Thr | Cys | Cys | Ser |      |
| 158 |     |     | 220 |     |     |     |     | 225 |     |     |     |     | 230 |     |     |     |      |
| 159 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 160 | CGA | ATG | TTT | GGT | TTG | GAT | CAT | CAG | TTG | AAA | AGG | GGG | TAC | ATT | TTC | TTG | 771  |
| 161 | Arg | Met | Phe | Gly | Leu | Asp | His | Gln | Leu | Lys | Arg | Gly | Tyr | Ile | Phe | Leu |      |
| 162 |     | 235 |     |     |     |     | 240 |     |     |     |     | 245 |     |     |     |     |      |
| 163 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 164 | GAA | TAT | AAT | GGA | AGG | AGC | ATT | GAG | ATC | AAG | ATA | AAG | GCG | AGC | GGG | ATT | 819  |
| 165 | Glu | Tyr | Asn | Gly | Arg | Ser | Ile | Glu | Ile | Lys | Ile | Lys | Ala | Ser | Gly | Ile |      |
| 166 | 250 |     |     |     |     | 255 |     |     |     |     | 260 |     |     |     | 265 |     |      |
| 167 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 168 | CAT | GTT | GGT | CGA | ATG | GAG | TCG | TAC | TTG | AGT | CAG | CCC | GAT | ACA | AGA | TTA | 867  |
| 169 | His | Val | Gly | Arg | Met | Glu | Ser | Tyr | Leu | Ser | Gln | Pro | Asp | Thr | Arg | Leu |      |
| 170 |     |     |     | 270 |     |     |     |     |     | 275 |     |     |     |     | 280 |     |      |
| 171 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 172 | CAA | GTT | CAA | GAA | GTC | CAA | AAA | CGT | TCG | AAG | GAA | ATC | GTG | CTA | CTG | GGA | 915  |
| 173 | Gln | Val | Gln | Glu | Val | Gln | Lys | Arg | Ser | Lys | Glu | Ile | Val | Leu | Leu | Gly |      |
| 174 |     |     | 285 |     |     |     |     | 290 |     |     |     |     |     | 295 |     |     |      |
| 175 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 176 | GTT | GAT | GAT | TTG | GAT | ATA | TTC | AAA | GGT | GTG | AAC | TTC | AAG | GTT | TTA | GCG | 963  |
| 177 | Val | Asp | Asp | Leu | Asp | Ile | Phe | Lys | Gly | Val | Asn | Phe | Lys | Val | Leu | Ala |      |
| 178 |     |     | 300 |     |     |     |     | 305 |     |     |     |     | 310 |     |     |     |      |
| 179 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 180 | TTG | GAG | AAG | TTA | CTT | AAA | TCA | CAC | CCG | AGT | TGG | CAA | GGG | CGT | GTG | GAA | 1011 |
| 181 | Leu | Glu | Lys | Leu | Leu | Lys | Ser | His | Pro | Ser | Trp | Gln | Gly | Arg | Val | Glu |      |
| 182 |     | 315 |     |     |     |     | 320 |     |     |     |     | 325 |     |     |     |     |      |
| 183 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 184 | AAG | GTG | CAA | ATC | TTG | AAT | CCT | CTG | CGC | CGT | TGC | CAA | GAC | GTC | GAT | GAG | 1059 |
| 185 | Lys | Val | Gln | Ile | Leu | Asn | Pro | Leu | Arg | Arg | Cys | Gln | Asp | Val | Asp | Glu |      |
| 186 | 330 |     |     |     |     | 335 |     |     |     |     | 340 |     |     |     |     | 345 |      |
| 187 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 188 | ATC | AAT | GCC | GAG | ATA | AGA | ACA | GTC | TGT | GAA | AGA | ATC | AAT | AAC | GAA | CTG | 1107 |
| 189 | Ile | Asn | Ala | Glu | Ile | Arg | Thr | Val | Cys | Glu | Arg | Ile | Asn | Asn | Glu | Leu |      |
| 190 |     |     |     | 350 |     |     |     |     |     | 355 |     |     |     |     | 360 |     |      |
| 191 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 192 | GGA | AGC | CCG | GGA | TAC | CAG | CCC | GTT | GTG | TTA | ATT | GAT | GGG | CCC | GTT | TCG | 1155 |
| 193 | Gly | Ser | Pro | Gly | Tyr | Gln | Pro | Val | Val | Leu | Ile | Asp | Gly | Pro | Val | Ser |      |
| 194 |     |     |     | 365 |     |     |     |     | 370 |     |     |     |     | 375 |     |     |      |
| 195 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 196 | TTA | AGT | GAA | AAA | GCT | GCT | TAT | TAT | GCT | ATC | GCC | GAT | ATG | GCA | ATT | GTT | 1203 |
| 197 | Leu | Ser | Glu | Lys | Ala | Ala | Tyr | Tyr | Ala | Ile | Ala | Asp | Met | Ala | Ile | Val |      |
| 198 |     |     | 380 |     |     |     |     | 385 |     |     |     |     | 390 |     |     |     |      |
| 199 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 200 | ACA | CCG | TTA | CGT | GAC | GGA | CTG | AAT | CTT | ATC | CCG | TAC | GAG | TAC | GTC | GTT | 1251 |
| 201 | Thr | Pro | Leu | Arg | Asp | Gly | Leu | Asn | Leu | Ile | Pro | Tyr | Glu | Tyr | Val | Val |      |
| 202 |     | 395 |     |     |     |     | 400 |     |     |     |     | 405 |     |     |     |     |      |
| 203 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
| 204 | TCC | CGA | CAA | AGT | GTT | AAT | GAC | CCA | AAT | CCC | AAT | ACT | CCA | AAA | AAG | AGC | 1299 |
| 205 | Ser | Arg | Gln | Ser | Val | Asn | Asp | Pro | Asn | Pro | Asn | Thr | Pro | Lys | Lys | Ser |      |

DATE: 04/09/98  
TIME: 13:14:23

**INPUT SET: S24825.raw**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--|--|--|--|
| 206 | 410 |     |     |     |     | 415 |     |     |     |     | 420 |     |     |     |     | 425 |      |  |  |  |  |
| 207 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 208 | ATG | CTA | GTG | GTC | TCC | GAG | TTC | ATC | GGT | GTT | TCA | CTA | TCT | TTA | ACC | GGG | 1347 |  |  |  |  |
| 209 | Met | Leu | Val | Val | Ser | Glu | Phe | Il  | Gly | Val | Ser | Leu | Ser | Leu | Thr | Gly |      |  |  |  |  |
| 210 | 430 |     |     |     |     | 435 |     |     |     |     | 440 |     |     |     |     |     |      |  |  |  |  |
| 211 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 212 | GCC | ATA | CGG | GTC | AAC | CCA | TGG | GAT | GAG | TTG | GAG | ACA | GCA | GAA | GCA | TTA | 1395 |  |  |  |  |
| 213 | Ala | Ile | Arg | Val | Asn | Pro | Trp | Asp | Glu | Leu | Glu | Thr | Ala | Glu | Ala | Leu |      |  |  |  |  |
| 214 | 445 |     |     |     |     | 450 |     |     |     |     | 455 |     |     |     |     |     |      |  |  |  |  |
| 215 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 216 | TAC | GAC | GCA | CTC | ATG | GCT | CCT | GAT | GAC | CAT | AAA | GAA | ACC | GCC | CAC | ATG | 1443 |  |  |  |  |
| 217 | Tyr | Asp | Ala | Leu | Met | Ala | Pro | Asp | Asp | His | Lys | Glu | Thr | Ala | His | Met |      |  |  |  |  |
| 218 | 460 |     |     |     |     | 465 |     |     |     |     | 470 |     |     |     |     |     |      |  |  |  |  |
| 219 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 220 | AAA | CAG | TAT | CAA | TAC | ATT | ATC | TCC | CAT | GAT | GTA | GCT | AAC | TGG | GCT | AGC | 1491 |  |  |  |  |
| 221 | Lys | Gln | Tyr | Gln | Tyr | Ile | Ile | Ser | His | Asp | Val | Ala | Asn | Trp | Ala | Ser |      |  |  |  |  |
| 222 | 475 |     |     |     |     | 480 |     |     |     |     | 485 |     |     |     |     |     |      |  |  |  |  |
| 223 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 224 | TTC | TTT | CAA | GAT | TTA | GAG | CAA | GCG | TGC | ATC | GAT | CAT | TCT | CGT | AAA | CGA | 1539 |  |  |  |  |
| 225 | Phe | Phe | Gln | Asp | Leu | Glu | Gln | Ala | Cys | Ile | Asp | His | Ser | Arg | Lys | Arg |      |  |  |  |  |
| 226 | 490 |     |     |     |     | 495 |     |     |     |     | 500 |     |     |     |     | 505 |      |  |  |  |  |
| 227 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 228 | TGC | ATG | AAT | TTA | GGA | TTT | GGG | TTA | GAT | ACT | AGA | GTC | GTC | TTT | TTG | ATG | 1587 |  |  |  |  |
| 229 | Cys | Met | Asn | Leu | Gly | Phe | Gly | Leu | Asp | Thr | Arg | Val | Val | Phe | Leu | Met |      |  |  |  |  |
| 230 | 510 |     |     |     |     | 515 |     |     |     |     | 520 |     |     |     |     |     |      |  |  |  |  |
| 231 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 232 | AGA | AGT | TTA | GCA | AGT | TGG | ATA | AAG | ATG | TCT | TGG | AAG | AAT | GCT | TAT | TCC | 1635 |  |  |  |  |
| 233 | Arg | Ser | Leu | Ala | Ser | Trp | Ile | Lys | Met | Ser | Trp | Lys | Asn | Ala | Tyr | Ser |      |  |  |  |  |
| 234 | 525 |     |     |     |     | 530 |     |     |     |     | 535 |     |     |     |     |     |      |  |  |  |  |
| 235 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 236 | ATG | GCT | CAA | AAT | CGG | GCC | ATA | CTT | TTG | GAC | TAT | GAC | GGC | ACT | GTT | ACT | 1683 |  |  |  |  |
| 237 | Met | Ala | Gln | Asn | Arg | Ala | Ile | Leu | Leu | Asp | Tyr | Asp | Gly | Thr | Val | Thr |      |  |  |  |  |
| 238 | 540 |     |     |     |     | 545 |     |     |     |     | 550 |     |     |     |     |     |      |  |  |  |  |
| 239 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 240 | CCA | TCT | ATC | AGT | AAA | TCT | CCA | ACT | GAA | GCT | GTT | ATC | TCC | ATG | ATC | AAC | 1731 |  |  |  |  |
| 241 | Pro | Ser | Ile | Ser | Lys | Ser | Pro | Thr | Glu | Ala | Val | Ile | Ser | Met | Ile | Asn |      |  |  |  |  |
| 242 | 555 |     |     |     |     | 560 |     |     |     |     | 565 |     |     |     |     |     |      |  |  |  |  |
| 243 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 244 | AAA | CTG | TGC | AAT | GAT | CCA | AAG | AAC | ATG | GTG | TTC | ATC | GTT | AGT | GGA | CGC | 1779 |  |  |  |  |
| 245 | Lys | Leu | Cys | Asn | Asp | Pro | Lys | Asn | Met | Val | Phe | Ile | Val | Ser | Gly | Arg |      |  |  |  |  |
| 246 | 570 |     |     |     |     | 575 |     |     |     |     | 580 |     |     |     |     | 585 |      |  |  |  |  |
| 247 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 248 | AGT | AGA | GAG | AAA | ATC | TTG | GCA | GTT | GGT | TCG | GCG | CGT | GTG | AGA | ACC | CGC | 1827 |  |  |  |  |
| 249 | Ser | Arg | Glu | Lys | Ile | Leu | Ala | Val | Gly | Ser | Ala | Arg | Val | Arg | Thr | Arg |      |  |  |  |  |
| 250 | 590 |     |     |     |     | 595 |     |     |     |     | 600 |     |     |     |     |     |      |  |  |  |  |
| 251 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 252 | CAT | TGC | ACT | GAG | CAC | GGA | TAC | TTT | ATA | AGG | TGG | GCG | GGT | GAT | CAA | GAA | 1875 |  |  |  |  |
| 253 | His | Cys | Thr | Glu | His | Gly | Tyr | Phe | Ile | Arg | Trp | Ala | Gly | Asp | Gln | Glu |      |  |  |  |  |
| 254 | 605 |     |     |     |     | 610 |     |     |     |     | 615 |     |     |     |     |     |      |  |  |  |  |
| 255 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| 256 | TGG | GAA | ACG | TGC | GCA | CGT | GAG | AAT | AAT | GTC | GGG | TGG | ATG | GAT | GGA | AAT | 1923 |  |  |  |  |
| 257 | Trp | Glu | Thr | Cys | Ala | Arg | Glu | Asn | Asn | Val | Gly | Trp | Met | Asp | Gly | Asn |      |  |  |  |  |
| 258 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/779,460B**

DATE: 04/09/98

TIME: 13:14:24

**INPUT SET: S24825.raw**

e

**Error**

Mandatory Value Not Present  
Mandatory Value Not Present  
Wrong Classification  
Unknown or Misplaced Identifier

**Original Text**

(i) APPLICANTS:  
(ii) TITLE OF INVENTION:  
(C) CLASSIFICATION: 435  
(B) TELEAX NUMBER: (212)- 246-8959